

FIRST SET OF DOCUMENT AND INFORMATION REQUESTS OF  
THE DEPARTMENT OF COMMUNICATIONS AND ENERGY TO  
BOSTON GAS COMPANY, COLONIAL GAS COMPANY AND ESSEX GAS COMPANY  
D/B/A KEYSpan ENERGY DELIVERY NEW ENGLAND

D.T.E. 04-62

Respondent: Elizabeth Danehy Arangio

Information Request DTE 1-18

- Q. Refer to Exhibit KED/EDA-1, Page 14.
- (a) For Boston Gas Company ("Boston Gas"), express the excess resource contracts of 48,115 MMBtus as a percentage of total customer requirements in the Boston Gas service area on the forecasted peak day in 2003-04.
  - (b) For Colonial Gas Company ("Colonial"), express the excess resource contracts of 9,163 MMBtus as a percentage of total customer requirements in the Colonial service area on the forecasted peak day in 2003-04.
  - (c) For Essex Gas Company ("Essex"), express the shortfall in resource contracts of 19,164 MMBtus as a percentage of total customer requirements in the Essex service area on the forecasted peak day in 2003-04.
- A. (a) Referring to Exhibit KED/EDA-4(a), the total 2003-04 forecasted peak day customer requirements for Boston Gas were 854,663 MMBtu. Dividing 48,115 MMBtu into 854,663 MMBtu equals 5.6 percent. However, it is important to note that, in performing this analysis, the Company assumed that on-system supplemental resources were being used to the maximum extent possible. This was done in order to illustrate that resources within the Boston Gas portfolio are being used to meet the requirements of customers in other service areas, not to precisely quantify that effect. For example, this calculation does not imply that 48,115 MMBtu of pipeline capacity remains idle on the design day or that the Company has "excess capacity" of 5.6 percent. There are constraints on the Company's ability to use on-system supplemental resources to their maximum capability, and the Company does not generally manage the system so as to operate with the on-system resources at maximum capacity for price and reliability reasons. In actuality, the Company would use the most cost-effective means to satisfy customer requirements in accordance with the established planning standards.
- (b) Referring to Exhibit KED/EDA-4(a), the total 2003-04 forecasted peak day customer requirements for Colonial Gas were 233,378 MMBtu. Dividing 9,163 MMBtu into 233,378 MMBtu equals 3.9 percent. As noted in subpart (a), above,

this analysis assumes that the Company would use on-system supplemental resources to the maximum extent possible. This calculation does not imply that 9,163 MMBtu of pipeline capacity remains idle on the design day or that the Company has “excess capacity” of 3.9 percent. In actuality, the Company would use the most cost-effective means to satisfy customer requirements in accordance with the established planning standards.

- (c) Referring to Exhibit KED/EDA-4(a), the total 2003-04 forecasted peak day customer requirements for Essex Gas were 67,199 MMBtu. Dividing 19,164 MMBtu into 67,199 MMBtu equals 28.5 percent. This calculation is made subject to the qualifications noted above.